

CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHAL
FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM
LISTING SERVICE



LISTING No. 7165-1657:173

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CATEGORY: Control Unit (Non High-Rise)

LISTEE: GE Security, Inc., 8985 Town Center Parkway, Bradenton, FL 34202
Contact: Jewell Micochero (941) 739-4358 FAX (941) 308-8123

DESIGN: Model EST-2, EST-2R, EST2-6 and EST2-6R fire alarm control units. Non-coded; automatic, manual, local, auxiliary, remote station, central station, proprietary, waterflow and sprinkler supervisory service. The system is modular in construction and can be expanded by adding modules. System components:

2-CAB/240424	Enclosure
2-MCM/130290	Main Control Module
2-MCMN	Main Control Module
2-PPS/130339	OEM Power Supply
2-LCD/130274	Display/Switch Module
2-LCX/130313	Expansion Loop
RPM/130090	Reverse Polarity Module
MTM/130127	Coder Module
IOP-3, IOP-3A/130117	Isolated RS-232 Module
2-16R/130328-01	16 Red LED Annunciator
2-16Y/130328-00	16 Yellow LED Annunciator
2-16G/130328-02	16 Green LED Annunciator
2-16R8S/130328-06	16 Red LED/8 Switch Annunciator
2-8RYS/130328-05	8 Red/Yellow LED/8 switch Annunciator
2-8RY/130328-03	8 Red/Yellow LED Annunciator
2-12R4Y/130328-04	12 Red/4 Yellow LED Annunciator
2-16Y8S/130328-07	16 Yellow LED/8 Switch Annunciator
2-CTM/140378	City Tie Module
*2-DACT	Digital Dialer
2-SAN-COM-R/240601	Remote Control Module
2-CMDN-C/240695, 1577	Annunciator
SAN-CPU	Annunciator Module
2-CMDN/240600	Remote Annunciator
2-SMDN/240696	Remote Annunciator
2-SMDN-C/240697	Remote Annunciator
2-PPS-6	Power Supply
DL2	Dial Module
2-WB(R), 2-WBS(R)	Enclosure
2-ACAB	Audio Enclosure
2-SMK	Smoke Detector Module
APS8B	Auxiliary Power Supply
2-AAC	Audio controller
2-MIC	Paging Microphone
2-TEL	Firefighters Telephone
2-WB3(R)	Long Wallbox
2-WB7(R)	Double Wide Wallbox
RACCR	Remote Audio Closet Cabinet
SIGA-AA30/AA50	Amplifier
SIGA-APS	Auxiliary Power Supply
2-MCD	Main Control Module
2-WB3D	Door for 2-WB3
2-WB7D	Door for 2-WB7
RACCDR	Door for RACCR

2-ISO	RS-485 Isolator Module
2-DLM	Data Line Monitor Module
2-WBD, -WBDR, -WBDSR	Enclosure Door
2-WB3D/DF, -WB7D/DF	Enclosure Door
PT1-S	System Printer
PT1-P	System Printer Parallel
2-LKF(R), 2-DKF(R)	Trim Kit

INSTALLATION: In accordance with listee's printed installation instructions, NFPA 72, applicable codes & ordinances, and in a manner acceptable to the authority having jurisdiction.

MARKING: Listee's name, model number, electrical rating and UL label.

APPROVAL: Listed as fire alarm control unit for use with separately listed compatible initiating and indicating devices.

These control units can generate the distinctive three-pulse Temporal Pattern Fire Alarm Evacuation Signal as required per NFPA 72, 2002 Edition.

This control unit meets the requirements of UL-864, 8th Edition Standard.

- NOTE:**
1. For **Fire Alarm Verification Feature**, the retard/reset/restart period must be adjusted to 30 seconds or less.
 2. Formerly 7165-1591:173 and 7165-1388:197

*Rev. 03-05-2008 mt



This listing is based upon technical data submitted by the applicant. CSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other suitable information sources.

Date Issued: **JUNE 9, 2008**

*Listing Expires **June 30, 2009***

Authorized By: **BEN HO, Chief**
Fire Engineering Division